

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: KENNETH D. BEER et al.	Examiner: Torres-Velazquez, N.
Serial No.: 09/597,453	Group Art Unit: 1771
Filed: June 20, 2000	FAX RECEIVED
For: PULTRUDED PART AND METHOD OF PREPARING A REINFORCEMENT MAT FOR THE PART	Docket No. 26998-241416 APR 8 2003
	GROUP 1700

Commissioner for Patents
Washington, D.C. 20231

EXAMINER NORCA L. TORRES-VELAZQUEZ

I CERTIFY THAT, ON APRIL 7, 2003, THIS PAPER IS BEING
TRANSMITTED VIA FACSIMILE TO 703.872.9311, COMMISSIONER
FOR PATENTS, WASHINGTON, D.C. 20231, ATTENTION:
EXAMINER NORCA L. TORRES-VELAZQUEZ.

Karen Hull

Karen Hull

AMENDMENT AND RESPONSE UNDER RULE 1.116

This Amendment and Response is submitted in reply to the Office Action
mailed February 12, 2003.

IN THE CLAIMS

Please amend the claims as follows:

13. (Once Amended) A mat for use as reinforcement for a resin composition to be used in forming an elongated, pultruded part of constant transverse cross-section using a pultrusion die, said mat comprising:

a first layer of continuous, generally longitudinally-extending fibers which provide longitudinal strength to the mat;

a second layer of generally transverse reinforcement fibers in association with the first layer of generally longitudinal fibers and oriented in a direction at an angle with respect to the longitudinal pull direction of the mat to provide transverse strength to the mat;

a third layer of diagonal transport fibers for the transverse reinforcement fibers, at least certain of the transport fibers extending diagonally of the first layer of generally longitudinally-extending fibers and oriented to provide shear strength stiffness and anti-skewing resistance to the mat; and